



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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Week Ending October 31, 2010

## FARMERS WRAPPING UP FALL HARVEST, RECEIVE NEEDED RAIN

Tennessee’s cropland and pastures received much-needed rain early last week, especially on the Eastern side of the state. On average, producers had only 4 days suitable for fieldwork this week, but by week’s end both cotton and soybean harvest had just about reached completion, with only a few areas left. Due to the early-week rainfall, farmers were able to seed a large amount of winter wheat acreage during the second half of the week. Pasture conditions improved slightly last week in response to replenished moisture levels, but cattle producers continued to feed hay, as most pastures have now passed their growing season.

Topsoil moisture levels were rated 14 percent very short, 31 percent short, 52 percent adequate, and 3 percent surplus. Subsoil moisture levels were rated 31 percent very short, 39 percent short, 27 percent adequate, and 3 percent surplus. Temperatures averaged 2 to 6 degrees above normal last week. Precipitation levels were well above normal in East Tennessee, above normal in Middle Tennessee, and slightly below normal in West Tennessee.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2009	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Cotton – Harvested	96	92	13	67	Pastures	34	32	25	9	0
Soybeans – Harvested	95	89	35	68						
Tobacco – Burley Stripped	20	NA	35	38						
Winter Wheat – Seeded	58	38	32	52						
Winter Wheat – Emerged	14	6	10	23						

NA = Not Available

### County Agent Comments

*“The farmers in Fayette County received some much needed rain early in the week, but by week’s end the ground had dried up and dust would follow your vehicle. Cotton and beans were still harvested. We are almost finished with harvest. Wheat seeding really went full force after the rain.”*

Jeffery D. Via, Fayette County

*“Two to three inches of rain fell this week throughout the county. It will probably be too late to help pastures for grazing purposes, but kept them from completely dying. Most cattle producers are feeding hay now and some are concerned about a long winter and not enough hay. Corn and soybean harvest is near completion.”*

Steve Glass, Decatur County

*“Giles County got about 2 plus inches of much needed rain during the week. Some strong winds did blow tops off of some trees but no major damage reported. Crop harvest is wrapping up. Pastures really needed the rain. Many livestock producers are feeding hay now.”*

Kevin Rose, Giles County

*“Between two and three inches of rain this week has allowed farmers to plant wheat. Pond and stream levels have not increased much. Pastures have improved somewhat. Cool season pastures have experienced severe stress this summer and fall. Some of them will need to be re-seeded next spring. Many farmers have been feeding hay for several weeks. Hay supplies appear adequate now, but the length and severity of bad weather this coming winter could result in a hay shortage in late winter.”*

Richard Groce, Maury County

*“When it rains, it pours, as the old advertisement goes. It did rain early in the week and it did pour. A full 5 inches over two days was measured generally with more in some parts of the county. Scattered damage to trees and some structures was experienced due to strong winds which accompanied the storms. This rain should jump start the wheat planting again. Hay feeding still occurs on many farms where limited forage exists as a result of the drought.”*

John Wilson, Blount County

*“Storms on Tuesday resulted in less than 0.75 inches. Soil moisture levels continue to be extremely low. Frost Friday and Sunday morning will further impact pastures. Most cattle producers have been feeding hay since mid-August. Hay stocks could be at extremely low levels by February.”*

Ray Burden, Hamilton County

TEMPERATURES AND PRECIPITATION  
For week ending: October 31, 2010 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending October 31, 2010				Current Week 10/31/10	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	84	30	60	4	1.14	2	45.87	3.58	32.79	4.27
Brownsville_TN	82	31	59	3	1.26	2	45.69	3.54	34.13	5.78
Covington	81	33	58	2	1.73	3	40.84	-0.54	29.23	1.53
Dyersburg	82	30	60	4	0.86	2	26.39	-13.94	16.62	-10.89
Huntingdon_Wate	81	30	59	5	1.32	3	36.17	-7.17	25.60	-3.98
Jackson_Exp_Stn	82	30	58	3	1.28	3	52.32	10.07	41.00	12.03
Lexington_TN	81	30	59	4	1.21	2	43.28	2.02	30.04	1.97
Martin	80	31	58	4	1.77	3	32.20	-10.74	22.07	-7.63
Memphis_AG	82	33	60	2	1.24	3	44.42	3.16	31.46	3.69
Milan	81	28	58	4	1.73	3	50.14	6.18	40.45	10.11
Paris	79	29	57	4	1.69	3	36.41	-6.03	27.46	-1.47
Savannah_6SW	81	29	60	4	1.31	3	49.29	3.73	34.07	3.97
Selmer	82	30	59	5	1.80	3	45.88	1.05	31.93	2.34
Union_City	79	29	57	3	1.43	3	32.46	-9.62	20.42	-8.48
Middle										
Clarksville_Sew	79	31	59	6	1.79	3	37.01	-3.93	29.99	2.70
Cookeville	83	30	59	6	2.63	3	48.03	1.60	32.98	1.58
Crossville_AP	78	30	59	8	1.84	4	40.65	-4.70	27.59	-2.74
Dickson_AG	79	26	57	4	0.60	2	47.15	3.55	35.30	5.71
Dover_1W	78	30	58	5	1.46	3	38.18	-4.54	30.06	1.24
Fayetteville_TN	84	29	61	7	2.53	3	36.84	-6.95	22.04	-6.47
Jamestown	80	28	57	6	2.29	2	45.30	0.18	31.52	0.24
Kingston_Spring	80	28	59	7	1.46	3	45.67	3.56	34.93	6.79
Lawrenceburg_Fl	81	31	60	7	2.72	3	48.96	3.63	32.15	2.64
Lewisburg	82	28	59	6	2.77	2	40.27	-4.53	28.24	-1.98
Linden	79	28	59	6	1.89	3	45.47	0.84	34.51	4.87
Livingston_WLIV	81	30	59	6	2.99	3	48.48	5.34	33.66	4.04
Murfreesboro_5N	82	30	60	6	2.82	3	49.58	5.91	36.77	6.88
Nashville_Metro	81	31	62	6	2.03	2	51.79	13.22	41.37	15.04
Oneida	78	30	56	6	2.15	3	49.56	4.13	37.44	5.88
Portland_TN	80	34	60	7	1.43	2	31.41	-10.46	26.32	-2.25
Pulaski_Water_P	81	28	60	4	1.69	3	38.50	-6.29	24.45	-4.95
Shelbyville	80	31	60	5	3.27	3	42.51	-2.46	29.87	-0.22
Sparta_TN	84	29	58	6	2.69	3	42.06	-3.00	23.87	-6.62
Springfield	82	30	59	6	1.08	3	39.30	-0.94	28.65	1.28
Springhill	83	30	60	6	2.30	2	40.70	-3.91	27.37	-2.63
Tulahoma	81	33	60	5	2.08	3	43.19	-2.94	28.63	-1.53
East										
Chattanooga/Lov	84	37	63	8	2.19	4	32.49	-11.19	19.13	-8.82
Cleveland_6NNE	84	34	60	7	3.53	3	40.78	-4.08	26.53	-2.77
Dayton	81	33	59	5	4.17	4	40.72	-5.02	26.22	-3.50
Erwin_1W	82	30	58	8	1.40	3	38.49	-2.70	30.99	1.31
Gatlinburg_2SW	82	30	57	6	1.97	4	43.41	-3.92	32.49	-0.90
Greeneville	85	31	58	7	1.74	4	32.06	-4.03	24.74	-0.66
Kingston_AG	83	34	59	8	4.48	4	46.50	-1.18	32.17	0.57
Knoxville_AP	85	35	62	9	3.41	3	37.01	-1.84	24.98	-0.55
Newcomb	81	29	57	7	1.80	4	42.08	-3.35	30.78	-0.78
Norris_4NE	81	32	57	5	3.81	4	57.39	14.11	43.24	13.85
Tri-City_RGNL_A	83	31	58	6	1.81	3	30.02	-4.37	22.05	-1.97

DFN = Departure From Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) in inches.  
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